

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Scott M. Tulino (48317) on 6/5/08.

The application has been amended as follows:

**Regarding the Title:**

The title should be "Cord Type Thermal Fuse and Sheet Type Thermal Fuse".

**Regarding the Specification:**

Page 24, line 27, insert --the continuous holes in the length direction at predetermined intervals through use of winding tension of the conductor, which will be explained afterwards.-- after the last occurrence of the word "the".

**Regarding the Claims:**

Regarding Claim 1:

line 1, change "core" to --cord--;

line 10, delete ";" and" after the word "material";

line 12, delete “, and” after the word “member”.

Regarding Claim 2:

line 1, change “core” to --cord--.

Regarding Claim 3:

line 1, change “core” to --cord--.

Regarding Claim 4:

line 1, change “core” to --cord--.

Regarding Claim 5:

line 1, change “core” to --cord--.

Regarding Claim 6:

line 1, change “core” to --cord--.

Regarding Claim 7:

line 1, change “core” to --cord--.

Regarding Claim 9:

line 2, change “core” to --cord--.

Regarding Claim 10:

line 1, change "core" to --cord--.

Regarding Claim 11:

line 1, change "core" to --cord--.

Regarding Claim 12:

line 1, change "core" to --cord--.

Regarding Claim 13:

line 1, change "core" to --cord--.

Regarding Claim 14:

line 1, change "core" to --cord--.

Regarding Claim 15:

line 1, change "core" to --cord--.

Regarding Claim 16:

line 2, change "core" to --cord--.

Regarding Claim 17:

line 2, change "core" to --cord--.

Regarding Claim 18:

line 2, change "core" to --cord--.

Regarding Claim 19:

line 2, change "core" to --cord--.

Regarding Claim 20:

line 2, change "core" to --cord--.

2. The following is an examiner's statement of reasons for allowance:

The allowability resides in the overall structure of the device as recited in sole independent claim 1, and *at least in part* because claim 1 recites: "A cord type thermal fuse comprising...a fuse core produced by winding a conductor...on an insulating core member...an insulating cover covering the outer periphery side of said insulating core member, characterized in that: said conductor can be broken by expanding said insulating core member at a predetermined temperature and/or by contracting said insulating cover at said predetermined temperature; and said insulating core member comprises a gas-containing material covering a periphery of a tensile resistant member at the center of said insulating core member." (emphasis added).

3. None of the references cited during prosecution of the instant application (including the newly cited references), either taken alone or in combination, is believed to render the present invention unpatentable as claimed. Specifically, the cited prior art does not teach or suggest an insulating core member of a cord like fuse comprising a gas-containing material that covers a periphery of a tensile resistant member at the center of the insulating core member, including all the limitations of all of the intervening claims.

Furthermore, the Examiner has performed inventor name and assignee searches for possible double patenting issues. No documents with conflicting claims have been identified.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRADLEY H. THOMAS whose telephone number is (571)272-9089. The examiner can normally be reached on 7:00am - 3:30pm (Eastern).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jayprakash N. Gandhi can be reached on 571-272-3740. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BHT

/Jayprakash N Gandhi/  
Supervisory Patent Examiner, Art Unit 2835